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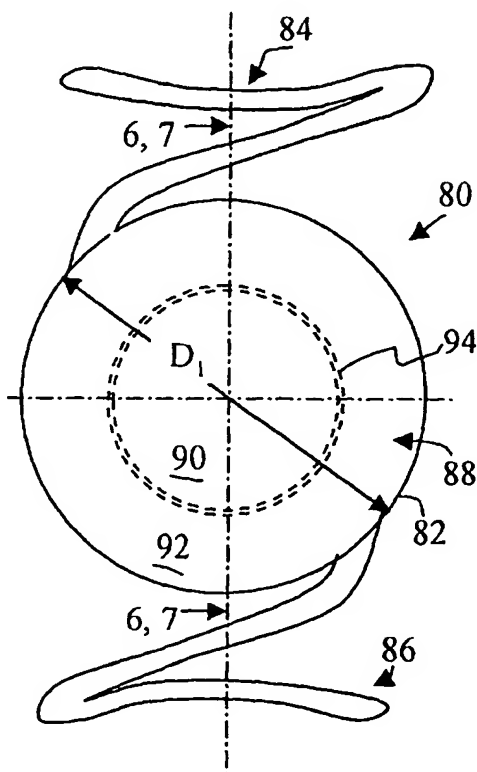
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(54) Title: **NARROW PROFILE INTRAOCULAR LENS**



(57) Abstract: A narrow profile, glare reducing, refractive monofocal intraocular lens (80) is described that comprises an optic (82) having an anterior surface and a posterior surface and an optical axis. One of the anterior and posterior surfaces is formed having two adjacent peri-axial, stepped imaging zones (90), (92), the two imaging zones having the substantially the same optical power that is preferably outside the -5 to +5 diopter range. A transition zone (94) between the two imaging zones preferably has a continuously variable surface curvature that reduces both indirect glare (caused by light refraction) and direct glare (caused by light diffraction) in an individual's eye in which the intraocular lens (80) is implanted. The transition zone (94) surface may alternatively be continuously curved or variably curved to reduce direct glare and indirect glare, respectively. Attachment members (84), (86) joined to the optic (82) position the intraocular lens in an eye with the optical axis of the optic (82) generally aligned with the optical axis of the eye.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 02/16; G02C 07/04, 07/10

US CL : 623/6.17, 6.25; 351/161

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 623/6.17, 6.25, 6.19, 6.26, 6, 6.27, 6.28, 6.29, 6.3, 6.31; 351/161, 160, 163

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,120,120 A (COHEN) 9 June 1992 (09.06.1992), see entire specification, especially columns 5-16.	1-6, 8, 11-12, 17, 19, 20, 22
Y	US 5,071,207 A (CEGLIO et al) 10 December 1991 (10.12.1991), see entire specification, especially columns 2-7.	1-6, 8, 11-12, 17, 19, 20, 22
Y	US 5,201,763 A (BRADY et al) 13 April 1993 (13.04.1993), see entire specification, especially columns 2-7.	8, 17, 20

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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